

Belger Rural District Council
Wm. Bould

Belger Rural District Council

Dr. EDWARD J. HOSKYN'S
8th Annual Report

1903

Jan. 1st, 1913. to Dec. 31st, 1913.

TO WHICH IS ADDED

**The Report of the Sanitary
Inspector,**

Mr. WILLIAM BOULD.

BEELVED

WILLIAM BOULD, SANITARY INSPECTOR, BELGER RURAL DISTRICT.

Sanitary Report for 1913.

BELPER RURAL DISTRICT.

To the Members of the Belper Rural District Council.

MR. CHAIRMAN, MR. VICE-CHAIRMAN, AND GENTLEMEN,

I have pleasure in presenting my Eighth Annual Report dealing with the Vital Statistics of the thirty parishes which comprise the area of the Rural District.

The Population of the District is 23,807.

The number of Births in 1913 was 490, giving a birth rate of 20·58 per thousand.

The number of Deaths in 1913 was 246, giving a death rate of 10·33 per thousand.

Number of Births in 1912—486, 20·09 per thousand.

Number of Deaths in 1912—248, 10·46 per thousand.

Infectious Diseases.

178 cases were notified as against 112 in 1912 :

Scarlet Fever	...	147	as against	73	in 1912
Diphtheria	...	26	"	23	"
Erysipelas	...	3	"	11	"
Enteric Fever	...	2	"	3	"
Puerperal Septicæmia		0	"	1	"
Acute Polio-myelitis		0	"	1	"

Scarlet Fever.

Allestree	...	...	1 case
Crich	...	...	31 „
Darley Abbey	...	...	4 „
Denby	...	...	2 „
Dethiek, Lea, and Holloway	...	...	46 „
Duffield	...	...	1 „
Kilbourne	...	...	29 „
Kirk Langley	...	...	3 „
Mackworth	...	...	8 „
Markeaton	...	...	4 „
Milford	...	...	5 „
South Wingfield	...	...	12 „
Windley	...	...	1 „

Only one death occurred, a child of seven years of age, at Kilbourne. All the other cases were of that very mild type, which frequently goes unrecognised, until the desquamating stage, when the disease is communicated to others. Fifteen cases at Kilbourne, in August, were traced to infection caught in a motor omnibus running from Alfreton to Derby, via Kilbourne. The children of the parents and relatives, who travelled to Derby and back by the omnibus on one particular Friday, all developed Scarlet Fever on the same day. There was no other history. I communicated with the Medical Officer of Health for Alfreton, and he had the buses disinfected.

This very mild variety of Scarlet Fever is not peculiar to Derbyshire, or this district in particular, but is the same all over England and Wales. With ordinary precaution it is not dangerous, but more of a nuisance to the families concerned. If people would only keep their children apart from those who have the disease, instead of letting them mix together, there would be less chance of its spreading.

Diphtheria.

26 cases were notified, as against 23 in 1913. Three deaths occurred—one at Smalley aged 3, one at Hazelwood aged 8, one aged 7 from Over Lane, Denby. The other cases were all of a very mild type, and recovered. Most of these were traced to Carriers.

Enteric Fever.

2 cases were notified, as against 3 in 1912. They occurred at Farnah Green, in the parish of Milford. There was no history. One recovered, and one, a little boy of 5, died.

Erysipelas.

3 cases were notified as against 9 in 1912. All recovered.

Non-notifiable Diseases.

There were 2 deaths from Whooping Cough, 1 from Measles, and 1 from Influenza.

Cancer.

25 deaths occurred in 1913, as against 19 in 1912.

The chief organs affected were apparently the breast, stomach, liver, and abdomen. I quote from the Registrar's Certificates furnished to me, which are not always very definite.

Deaths from Accidents.

Fractured ribs	...	...	...	1
Congestion of lungs, caused by scalding	...	...	...	1
Drowning	...	...	...	1
Sunstroke	...	...	...	1
Shock from fall	...	...	...	1
Crushed in pit	...	...	...	1
Shock, killed by horse	...	...	...	1
Fractured skull in Milford tunnel	...	...	...	1
Suffocated in sleep	...	...	...	4
Falls (General Debility and Senile Decay)	...	...	...	2

There was no Suicides.

Deaths occurring in the District, but not belonging to District, 3.

27 belonging to district, but occurred outside district.

Infant Mortality.

40 deaths occurred under one year, as against 36 in 1912.

Whooping Cough	... 1—under 6 months.
Convulsions	... 6—4 under 1 month and 2 under 6 months.
Pneumonia	... 7—under 1 year.
Bronchitis	... 1—under 1 year.
Enteritis	... 6—under 1 year.

Death rate per 1000, 81.63.

This is far higher than I should wish it to be. Seven deaths from Pneumonia under one year, I think, clearly shews that mothers don't take that interest in their children that they ought to do.

Schools.

Seeing that the County Medical Officer of Health has taken in hand the supervision of Schools, and various School Doctors have been appointed, the Medical Officers of Health for the District have been practically superseded, as far as Schools are concerned.

Dairies and Cowsheds.

The Dairies and Cowsheds are very well looked after by Inspector Bould.

Disinfection.

Disinfection is also most thoroughly carried out by Inspector Bould, who is a most able and efficient Officer of this Council.

New Houses.

By the kindness of Mr. Cordon, your Surveyor, I am able to give the number of new houses erected in the district during 1913.

Darley Abbey ...	...	2 houses
Allestree ...	...	2 „
Denby ...	...	9 „
Crich ...	...	2 „
Horsley Woodhouse ...	...	3 „
Oakerthorpe ...	...	1 „
Milford ...	...	5 „
Kilbourne ...	...	12 „
Smalley ...	...	4 „
Shottle ...	...	2 „
South Wingfield ...	...	3 „
		—
		45
		—

Sewerage Works.

These are being carried out satisfactorily in the parish of Crich.

In spite of the prevalence of Scarlet Fever in the District, to which I have already referred, and have reported on its being of such a mild nature, that it exists, as a matter of fact, all over the country, I still think that parents are very much to blame for allowing their children to mix with others when affected with rash and sore throat. Unfortunately the Medical Officer of Health is not ubiquitous, and cannot be all over his district, comprising 51,582 acres, and 30 parishes with a population of 23,807.

I beg to remain, Gentlemen,

Yours faithfully,

EDWARD J. H. HOSKYNs,

Medical Officer of Health, Belper R.D.C.

Factory and Workshops Act, 1901.

The following Report has been sent to :

THE RIGHT HONOURABLE HIS MAJESTY'S SECRETARY OF STATE
FOR THE HOME DEPARTMENT :

	<i>Inspections.</i>	<i>Written Notices.</i>	<i>Prosecutions.</i>
Factories ...	5	4	—
Workshops ...	162	14	—
Workplaces ...	—	—	—
	<u>167</u>	<u>18</u>	

Defects found in Factories, Workshops, and Workplaces.

	<i>Found.</i>	<i>Remedied.</i>
Want of cleanliness ...	10	10
Want of drainage of floors ...	1	1
Other nuisances ...	1	1
Sanitary accommodation—		
Insufficient ...	4	4
Unsuitable or defective ...	1	1
	<u>17</u>	<u>17</u>

Home Work.

Lists received from Employers. Sending twice in the year.

	<i>Lists.</i>	<i>Contractors.</i>	<i>Workmen.</i>	<i>Instances.</i>	<i>Orders made.</i>
Wearing Apparel— making, etc.	34	12	92	1	1
	<u>34</u>	<u>12</u>	<u>92</u>	<u>1</u>	<u>1</u>

Registered Workshops.

Bakers ...	...	...	12
Boot Repairers	...	...	1
Brickmakers	...	...	1
Carpenters, etc.	...	...	15
Cheveners	...	...	3
Dressmakers	...	...	10
Framework Knitters...	...	...	17
Hosiers ...	...	...	1
Plumbers	...	...	1
Sadlers ...	...	...	1
Smiths ...	...	...	13
			<hr/>
			75
			<hr/>

Other Matters.

Matters notified to H.M. Inspector of Factories: —

Failure to affix Abstract of Factory and Workshop Acts	...	2
Action taken in matters referred to by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts—		
Notified by H.M. Inspector	... ..	3
Reports (of actions taken) sent to H.M. Inspector	...	3

EDWARD J. H. HOSKYNS, *Medical Officer of Health.*

WILLIAM BOULD, *Inspector of Nuisances.*

Belper Rural District Council.

Births, 1913.

PARISHES.	Boys.	Girls.	Totals.
Alderwasley	4	2	6
Allestree	10	6	16
Ashleyhay	—	3	3
Crich	30	25	55
Darley Abbey	4	9	13
Denby	16	17	33
Dethick, Lea, and Holloway ...	12	12	24
Duffield	12	15	27
Hazlewood	2	4	6
Holbrook	10	18	28
Horsley	4	3	7
Horsley Woodhouse	24	20	44
Idridgehay and Alton	3	1	4
Kedleston	1	—	1
Kilbourne	21	18	39
Kirk Langley	10	6	16
Mackworth	2	—	2
Mapperley	5	6	11
Markeaton	—	1	1
Milford	9	18	27
Morley	3	2	5
Pentrich	5	2	7
Quarndon	3	3	6
Ravensdale Park	—	—	—
Shottle and Postern	4	3	7
Smalley	22	18	40
South Wingfield	18	19	37
Turnditch	4	2	6
Weston Underwood	—	—	—
and Mugginton	7	1	8
Windley	—	1	1
	246	235	481

Birth rate 20·58 per thousand.

Nine births belonging to the district occurred out of the district.

Deaths, 1913.

PARISHES.	Males.	Females.	Totals.
Alderwasley	3	3	6
Allestree	3	1	4
Ashleyhay	4	—	4
Crich	13	22	35
Darley Abbey	4	2	6
Denby	12	10	22
Dethick, Lea, and Holloway	5	11	16
Duffield	6	11	17
Hazlewood	1	1	2
Holbrook	4	5	9
Horsley	—	—	—
Horsley Woodhouse	7	7	14
Idridgehay and Alton	—	1	1
Kedleston	1	—	1
Kilbourne	5	10	15
Kirk Langley	5	—	5
Mackworth	2	—	2
Mapperley	3	2	5
Markeaton	2	—	2
Milford	9	5	14
Morley	—	—	—
Pentrich	2	—	2
Quarndon	2	2	4
Ravensdale Park	—	1	1
Shottle and Postern	1	1	2
Smalley	6	6	12
South Wingfield	5	8	13
Turnditch	—	1	1
Weston Underwood	—	—	—
and Mugg	3	2	5
Windley	2	—	2
	110	112	222

Death rate 10·33 per thousand.

Three of these deaths were non-residents, and 27 residents died out of the district, bringing the total to 246.

**Populations, Birth Rates, and Death Rates in each
Parish for the Year 1913.**

PARISHES.			Popu- lations.	Birth Rate.	Death Rate.
Alderwasley	...	...	370	16.21	16.21
Allestree	...	...	576	27.77	6.94
Ashleyhay	...	...	173	17.34	23.11
Crich	...	...	3090	17.79	11.20
Darley Abbey	...	...	876	14.84	7.96
Denby	...	...	1809	18.24	12.16
Dethick, Lea, and Holloway	...	...	1302	18.01	12.01
Duffield	...	...	2152	12.54	7.90
Hazlewood	...	...	345	17.39	8.69
Holbrook	...	...	1268	22.08	7.88
Horsley	...	...	353	19.83	—
Horsley Woodhouse	..	..	1356	31.71	10.10
Idridgehay and Alton	...	...	296	13.51	3.37
Kedleston	...	...	103	9.70	9.70
Kilbourne	...	...	1695	23.00	8.84
Kirk Langley	...	...	530	30.18	9.45
Mackworth	...	...	219	9.13	9.13
Mapperley	...	...	423	26.00	11.82
Markeaton	...	...	178	5.61	11.23
Milford	...	...	1169	23.09	11.97
Morley	...	...	361	13.85	—
Pentrich	...	...	295	23.72	6.78
Quarndon	...	...	434	13.82	9.21
Ravensdale Park	...	...	51	—	19.60
Shottle and Postern	...	...	410	17.07	4.87
Smalley	...	...	1427	28.03	9.11
South Wingfield	...	...	1667	22.19	7.79
Turnditch	...	...	271	22.14	4.20
Weston Underwood and Mugginton	...	...	265	30.18	18.86
Windley	...	...	215	4.65	9.30

Total Birth rate for 1913, 20.58 per thousand.

Total Death rate for 1913, 10.33 per thousand.

EDWARD J. H. HOSKYNs, *Medical Officer of Health.*

Report of the Sanitary Inspector.

DUFFIELD, DERBY,

5th February, 1914.

TO THE CHAIRMAN AND MEMBERS OF THE BELPER RURAL DISTRICT
COUNCIL.

GENTLEMEN,

I have the honour to submit to you my Annual Report for the year 1913, being the twelfth I have had the pleasure to submit.

There has been continued progress in sanitary works, and especially as regards the improvement of houses of the working classes, and owners of such houses are showing signs of the responsibilities placed upon them by the Housing and Town Planning Act.

The particulars of the various branches of sanitary administration are given under the respective headings.

Inspections.

Inspections under the Housing and Town Planning Act	...	921
„ for the detection, etc., of Nuisances	...	1006
„ of Dairies, Cowsheds, etc.	...	431
„ of Slaughter-houses	...	220
„ of Factories, Workshops, and Homes of Outworkers		167
„ of Bakehouses	...	36
	Total	2781

Dairies, Cowsheds, Etc.

There are now 288 registered cowkeepers, etc., in your district; 15 were registered during the year; 7 were struck off the register. The estimated number of cows is 7,000. Visits of inspection, 431.

One notification only as to Tubercle Bacilli being found in a milk supply was received. In this case the Veterinary Inspectors of the town to which the milk was sent, paid two visits to the farm, but could not find a suspicious cow, and not until the sale of milk was prohibited was she discovered. It is possible that the milk was mixed with that from a small farm near by, and when the milk was stopped, the cow was removed to the farm from which the milk was sent. However, the beast was slaughtered and found to be suffering from generalised tuberculosis. The carcase was disposed of in proper manner.

Under the Tuberculosis Order, 1913, 14 cows were notified—7 Tuberculosis of the Udder; 7 Tuberculosis with emaciation.

<i>Parish.</i>	<i>Cows notified.</i>		<i>Tuberculosis Of the Udder.</i>		<i>With emaciation.</i>
Duffield	...	2	...	1	1
Horsley	...	1	...	1	—
Horsley Woodhouse		1	...	—	1
Idridgehay	...	1	...	1	—
Mackworth	...	2	...	—	2
Markeaton	...	1	...	—	1
Milford	...	2	...	2	—
Quarndon	...	1	...	—	1
Ravensdale Park		1	...	—	1
Smalley	...	1	...	1	—
South Wingfield		1	...	1	—

It is impossible to give information as to how many of the cows so notified were found (*post mortem*) to have suffered as suspected, or how such animals were disposed of, as in some cases no final reports were received.

Food.

The foods exposed for sale or deposited for the purpose of sale, and intended for human consumption, were, on the whole, of good quality, and very little was seized.

In a large district like yours it is impossible to visit all the slaughter-houses on the day of slaughter, but it is satisfactory to know that most of the butchers do remove anything that is doubtful, and, with three exceptions, nothing but the finest quality of animals are killed.

About 7 cwts. of beef and one cow's liver was destroyed.

No legal proceedings were taken.

Housing and Town Planning Act, 1909.

A systematic inspection of 921 houses has been made.

Number of houses found to be unfit for human habitation	...	...	...	12
Number of representations made by Inspector	...	...	...	12
„ Closing Orders made	...	...	...	12
„ houses closed	...	...	...	6
„ „ demolished	...	...	...	5
„ „ repaired after Closing Orders	...	...	...	8
„ „ „ „ preliminary notices	...	...	...	161

226 windows were made to open. In this connection one meets with a mixed reception from the occupiers when the work is done. Some are very thankful, some indifferent and others almost abusive. Nothing short of quiet and persistent education as to the value and cheapness of fresh air will give the desired results in combating the white scourge. It is no use disinfecting afterwards if the cause is not removed.

Many houses have been dealt with for dampness. This is a very difficult matter, as there are so many causes of dampness, and each case needs to be carefully considered on its merits, and failures are inevitable. Still, much has been done and can be done to improve the existing conditions. As mentioned in my last annual report, rubble stone walls are difficult to deal with. Having tried some so-called damp resisters, I have been disappointed with the net results, and have come to the conclusion that if best Portland cement (cooled) is used and properly applied, and when set and hardened the surface is painted two coats of good oil colour, it cannot be improved on at present.

The inspections do not reveal any serious cases of overcrowding or demand for houses. There were four rather bad cases found at Horsley Woodhouse, and notices have been served for the abatement. In these cases the occupiers are of the indifferent class, the men are not employed in your district, and have a considerable distance to

walk to their work, so that, in my opinion, if houses were needed for them, the responsibility of providing them does not rest with your Authority. Further steps will be taken in due course to secure compliance with the notices, if necessary. 3 houses were built in the parish, and 29 in three surrounding parishes during the year.

Infectious Diseases.

144 houses were disinfected, Formalin or Sulphur being used.

After Diphtheria	28
„ Enteric Fever	2
„ Scarlet Fever	108
„ Pulmonary Tuberculosis	6
<hr/>			
			144
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3 Public Schools were disinfected.

Factories and Workshops Act, 1901.

In pursuance of sec. 132 of this Act the following particulars have been sent to the Chief Inspector at the Home Office :

Visits of Inspection to Factories, Workshops, and houses
of Outworkers 167

Notices were served and complied with :

To cleanse or limewash	..	...	...	10
„ properly drain floors	..	...	...	1
„ abate nuisances	...	..	...	1
„ provide sanitary conveniences	...	...	...	4
„ repair „ „	...	...	...	1

There are 75 workshops on the register :

Bakers	...	...	12	Framework Knitters	...	...	17
Boot Repairers	...	...	1	Hosiers	..	..	1
Brickmakers	...	...	1	Plumbers	...	...	1
Carpenters, etc.	...	...	15	Saddlers	...	...	1
Cheveners	...	...	3	Smiths	...	...	13
Dressmakers	...	...	10				

Matters referred to H.M. Inspector of Factories	...	...	2
„ „ by „ „	...	...	6

Outworkers.

34 lists were received, containing the names of 104 workers. Work was stopped in one case through infectious disease.

Scavenging.

Another refuse tip has now been provided in the parish of Crich for Whatstandwell, and householders in that locality may have their refuse removed thereto by paying for cartage.

Scavenging is done by contract in the parishes of Duffield, Dethick, Lea, and Holloway, Kilburn, and South Wingfield ; and by the estate owners of Darley Abbey and Milford.

Public tips and depôts, to which householders may cause their refuse to be removed, are in use at Crich, Holbrook, Horsley Woodhouse, and Quarndon.

The question of removal of house refuse should be seriously considered, in order to check the increasing cost of scavenging, particularly as regards Kilburn. At the present time all sorts of rubbish, including garden waste, old sacks, oilcloth, etc., are put into ashpits, and in some cases privy cesspools. In the latter case it is most unfair to the men whose lot it is to empty them, and further, such things do not allow of proper cleansing. It is also difficult to remove such things from ashpits, and a lot of time is wasted, which means money. Most of the houses have good gardens on which such waste as garden waste, old paper, oilcloth, etc., might be burnt without much nuisance. If this was done, and proper boxes provided for dry refuse, I am sure the expense may be kept within reasonable limits.

I suggest that handbills be printed and distributed to each house, inviting the cooperation of householders.

Slaughter-Houses.

All licences in respect of slaughter-houses in use on the 1st of January were renewed for one year.

The premises have been kept clean and well limewashed.

There are now 28 licensed or registered.

New licences granted	...	...	1
Licenees cancelled	...	...	1
Change of occupiers	...	...	2
Visits of Inspection	...	...	220
Defects discovered and remedied	...	...	6

Water Supply.

Connections continue to be made to the new supply of Smalley, etc., Joint scheme.

Connections have been made to the various mains as follows :

<i>Supply.</i>		<i>Parish.</i>			
Smalley Joint	...	Denby	...	...	1
		Horsley Woodhouse	...	...	14
		Kilburn	...	...	40
		Smalley	...	...	15
Crich Joint	...	Crich	...	...	1
Duffield...	...	Hazlewood	...	...	1
Stanley and West Hallam (Shardlow R.D.C.)		Mapperley (Brook)	...	...	16

The latter was very much needed and now appreciated.

Two public wells have been closed, one at Holbrook Moor and one at Knife and Steel Lane, Horsley Woodhouse.

27 samples of water were analysed by the County Analyst, and one by the Sheffield Public Analyst.

<i>Parish.</i>		<i>Fit.</i>		<i>Unfit.</i>		<i>Action taken.</i>
Holbrook	...	—	...	1	...	Well closed.
Crich	...	1	...	—	...	—
Hazlewood	...	2	...	—	...	—
Horsley Woodhouse	...	1	...	—	...	—
"	"	...	—	...	2	Notices served.
"	"	...	—	...	1	Water laid on.
Kilburn	...	7	...	—	...	—
"	...	...	—	...	5	Water laid on.
"	...	...	—	...	4	Notices served.
Kirk Langley	...	—	...	1	...	Under consideration.
Smalley	...	2	...	—	...	—
"	...	...	—	...	1	Water laid on.

Summary of Defects, Etc., Remedied.

Accumulations removed ...	35	Houses re-spouted ...	59
Animal Nuisances stopped...	17	„ damp prevented ...	98
Ash Receptacles provided ...	2	„ cleansed and purified	7
Closets repaired ...	18	„ rooms ventilated ...	426
„ privies converted to pails	7	Overcrowding stopped ...	13
„ „ „ W.C's.	€2	Water, wells cleansed ...	6
„ additional provided ...	8	„ public supply laid on	88
Drains, new ...	149	Yard surface paved or repaired	93
„ trapped ...	133	Infringement of Byelaws—	
„ disconnected ...	10	Cowsheds, Dairies, etc.	38
„ unstopped ...	46	Slaughter-houses ...	6
„ Inspection Chambers			
contstruted ...	32		
Houses repaired ...	161	Total	1523
„ re-roofed ...	9		

Again, may I thank you and your officers for kind consideration and support, and beg to remain

Your obedient servant,

WILLIAM BOULD,

Cert. Royal San. Inst, etc.

